

FAST - (10665303.wsp.1)					File View Edit Tools Window Help		
Type	Hits	Search Text	DBs	Time Stamp			
1	BRS 0	((buried adj sinker) with collector)	USPAT; US-PGPUB	2004/03/16			
2	BRS 0	((buried adj sinker) same collector)	USPAT; US-PGPUB	2004/03/16			
3	BRS 0	((graded adj sinker)	USPAT; US-PGPUB	2004/03/16			
4	BRS 2	((graded or gradient) with sinker)	USPAT; US-PGPUB	2004/03/16			
5	BRS 7	(((((graded or gradient) with emitter)) and ((257/\$3.cor.) or (438/\$3.cor.))) and ((@ad<20030919) or (@rlad<20030919	USPAT; US-PGPUB	2004/03/16			
6	BRS 22	(((graded or gradient) with cathode with concentration)) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/03/16			
7	BRS 20	(("5640040" "5438220"	USPAT; US-PGPUB	2004/03/16			
8	BRS 4	(((graded or gradient) with concentration) and (("5640040" "5438220"	USPAT; US-PGPUB	2004/03/16			
9	BRS 22	(((((graded or gradient) with cathode with concentration)) and ((257/\$3.cor.) or (438/\$3.cor.))) and ((@ad<20030919) or	USPAT; US-PGPUB	2004/03/16			
10	BRS 34	(((graded) with (scr or rectifier or thyristor))	USPAT; US-PGPUB	2004/03/16			
11	BRS 6	257/131.cor.	USPAT; US-PGPUB	2004/03/16			
12	BRS 8	(("5485027"	USPAT; US-PGPUB	2004/03/16			
13	BRS 8	(("5485027"	USPAT; US-PGPUB	2004/03/16			
14	BRS 6	(((((emitter with sinker) and (collector with sinker)) and ((@ad<20030919) or (@rlad<20030919))) and ((257/\$3.cor.) or	USPAT; US-PGPUB	2004/03/16			
15	BRS 0	(((emitter with sinker) and (collector with sinker)) and ((@ad<20030919) or (@rlad<20030919))) and (257/335.ccls.)	USPAT; US-PGPUB	2004/03/16			
16	BRS 1	(emitter with ("n+ sinker" and "n buried layer")	USPAT; US-PGPUB	2004/03/16			
17	BRS 2	(emitter with ("n sinker" and "n buried layer")	USPAT; US-PGPUB	2004/03/16			
18	BRS 9	(collector with ("n sinker" and "n buried layer")	USPAT; US-PGPUB	2004/03/16			
19	BRS 0	(emitter with ("n+ isolation" and "n buried layer")	USPAT; US-PGPUB	2004/03/16			
20	BRS 1	(collector with ("n+ isolation" and "n buried layer")	USPAT; US-PGPUB	2004/03/16			
21	BRS 35	(emitter with ("n+ isolation" or "n buried layer" or "N+ sinker") and (vertical with npn)	USPAT; US-PGPUB	2004/03/16			
22	BRS 46	(emitter with ("n+ isolation" or "n buried layer" or "N+ sinker") and ((collector or emitter) with npn)	USPAT; US-PGPUB	2004/03/16			
23	BRS 33	((emitter with ("n+ isolation" or "n buried layer" or "N+ sinker") and ((collector or emitter) with npn)) and (vertical with np	USPAT; US-PGPUB	2004/03/16			
24	BRS 0	(((emitter with sinker) and (collector with sinker)) and ((@ad<20030919) or (@rlad<20030919))) and (257/343.ccls.)	USPAT; US-PGPUB	2004/04/13			
25	BRS 5	(collector with sinker) and (@ad<20030919 or @rlad<20030919) and (257/343.ccls.)	USPAT; US-PGPUB	2004/04/13			
26	BRS 12	(collector with sinker) and (@ad<20030919 or @rlad<20030919) and (scr or rectifier)	USPAT; US-PGPUB	2004/04/13			
27	BRS 45	(collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)	USPAT; US-PGPUB	2004/04/13			
28	BRS 38	(((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT; US-PGPUB	2004/04/13			
29	BRS 38	(((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT; US-PGPUB	2004/04/13			
30	BRS 23	(((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT; US-PGPUB	2004/04/13			
31	BRS 15	(((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sin	USPAT; US-PGPUB	2004/04/13			
32	BRS 38	(((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT; US-PGPUB	2004/04/13			
33	BRS 22	(((graded) with (scr or rectifier or thyristor)) and ((257/\$3.cor.) or (438/\$3.cor.)) and ((@ad<20030919) or (@rlad<20	USPAT; US-PGPUB	2004/04/13			
34	BRS 9	(collector with sinker) and (@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)	USPAT; US-PGPUB	2004/04/13			
35	BRS 31	((((@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)) and ((257/\$3.cor.) or (438/\$3.cor.))) an	USPAT; US-PGPUB	2004/04/13			
36	BRS 7	((((@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)) and ((257/\$3.cor.) or (438/\$3.cor.))) an	USPAT; US-PGPUB	2004/04/13			
37	BRS 5	((((@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)) and ((257/\$3.cor.) or (438/\$3.cor.))) an	USPAT; US-PGPUB	2004/04/13			
38	BRS 7	((((@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)) and (emitter with sinker)	USPAT; US-PGPUB	2004/04/13			
39	BRS 19	((((@ad<20030919 or @rlad<20030919) and (cathode with base with emitter)) and ((257/\$3.cor.) or (438/\$3.cor.))) an	USPAT; US-PGPUB	2004/04/13			
40	BRS 7	(collector with sinker) and (@ad<20030919 or @rlad<20030919) and (cathode with sinker)	USPAT; US-PGPUB	2004/04/13			
41	BRS 23	(((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (anode and cathode)) not (((collector with sink	USPAT; US-PGPUB	2004/04/13			
42	BRS 6	(((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (cathode with base wit	USPAT; US-PGPUB	2004/04/13			
43	BRS 20	(((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (base with sinker)) a	USPAT; US-PGPUB	2004/04/13			

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44	BRS 0	((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (257/131.ccls.)	USPAT: US-PGPUB	2004/04/13
45	BRS 0	((@ad<20030919 or @rlad<20030919) and (257/107.ccls.)) and (emitter with sinker)	USPAT: US-PGPUB	2004/04/13
46	BRS 41	((@ad<20030919 or @rlad<20030919) and (257/107.ccls.)) and (emitter with cathode)	USPAT: US-PGPUB	2004/04/13
47	BRS 0	((@ad<20030919 or @rlad<20030919) and (257/107.ccls.)) and (emitter with n\$1sinker)	USPAT: US-PGPUB	2004/04/13
48	BRS 1	(emitter with n\$1sinker)	USPAT: US-PGPUB	2004/04/13
49	BRS 0	((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (257/107.ccls.)	USPAT: US-PGPUB	2004/04/13
50	BRS 6	((@ad<20030919 or @rlad<20030919) and (257/167.ccls.)) and (257/149,152.ccls.)	USPAT: US-PGPUB	2004/04/13
51	BRS 0	(collector with sinker) and (@ad<20030919 or @rlad<20030919) and (257/107.ccls.)	USPAT: US-PGPUB	2004/04/13
52	BRS 0	(emitter with sinker) and (@ad<20030919 or @rlad<20030919) and (257/107.ccls.)	USPAT: US-PGPUB	2004/04/13
53	BRS 0	(sinker) and (@ad<20030919 or @rlad<20030919) and (257/122.ccls.)	USPAT: US-PGPUB	2004/04/13
54	BRS 2	(sinker) and (@ad<20030919 or @rlad<20030919) and (257/141.ccls.)	USPAT: US-PGPUB	2004/04/13
55	BRS 1	(sinker) and (@ad<20030919 or @rlad<20030919) and (257/167.ccls.)	USPAT: US-PGPUB	2004/04/13
56	BRS 34	((@ad<20030919 or @rlad<20030919) and (257/144.ccls.)) and (emitter with substrate)	USPAT: US-PGPUB	2004/04/13
57	BRS 0	(sinker) and (@ad<20030919 or @rlad<20030919) and (257/144.ccls.)	USPAT: US-PGPUB	2004/04/13
58	BRS 2	(sinker) and (@ad<20030919 or @rlad<20030919) and (257/107.ccls.)	USPAT: US-PGPUB	2004/04/13
59	BRS 0	(sinker) and (257/152.ccls.))	USPAT: US-PGPUB	2004/04/13
60	BRS 2	(sinker) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT: US-PGPUB	2004/04/13
61	BRS 11	(collector with diffusion) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT: US-PGPUB	2004/04/14
62	BRS 1	(base with "next" with emitter) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT: US-PGPUB	2004/04/14
63	BRS 7	(base with "adjacent" with emitter) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT: US-PGPUB	2004/04/14
64	BRS 2	(base near "apart" near emitter) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/04/14
65	BRS 18	(base near2 "apart" near2 emitter) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/04/14
66	BRS 2	((base near "separate" near emitter) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT: US-PGPUB	2004/04/14
67	BRS 1	(base near "separate" near emitter) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/04/14
68	BRS 12	(base near "spaced" near emitter) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/04/14
69	BRS 6	((collector with sinker) and (@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (scr or rectifier)	USPAT: US-PGPUB	2004/04/14
70	BRS 6	((base near2 "separate" near2 emitter) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/04/14
71	BRS 0	((emitter adj plug) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))) and anode and cat	USPAT: US-PGPUB	2004/04/14
72	BRS 0	((emitter adj plug) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))) and (scr or rectifier	USPAT: US-PGPUB	2004/04/14
73	BRS 12	((emitter adj plug) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))) and lateral	USPAT: US-PGPUB	2004/04/14
74	BRS 21	(emitter adj plug) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/04/14
75	BRS 2	(base with "apart" with emitter) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT: US-PGPUB	2004/04/14
76	BRS 4	((base near "apart") with emitter) and ((emitter with base) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.c	USPAT: US-PGPUB	2004/04/14
77	BRS 2	(bscr) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/04/17
78	BRS 15	("5808342" "5747834") and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/04/17
79	BRS 2	((base near apart near emitter) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/04/18
80	BRS 18	(base near2 apart near2 emitter) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT: US-PGPUB	2004/04/18
81	BRS 20	((bipolar near (scr or silicon\$1 controlled or (silicon adj controlled))) and (@ad<20030919 or @rlad<20030919) and (	USPAT: US-PGPUB	2004/04/18
82	BRS 2	((base near (separating or separation or separated or separate) near emitter) and (@ad<20030919 or @rlad<200309	USPAT: US-PGPUB	2004/04/18
83	BRS 9	((base near2 (separating or separation or separated or separate) near2 emitter) and (@ad<20030919 or @rlad<2003	USPAT: US-PGPUB	2004/04/18
84	BRS 0	(((base near2 (apart) near2 emitter) and (@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)))	USPAT: US-PGPUB	2004/05/02
85	BRS 7	(((base near2 (separating or separation or separated or separate) near2 emitter) and (@ad<20030919 or @rlad<2003	USPAT: US-PGPUB	2004/05/02
86	BRS 25	(((scr or silicon\$1 controlled or (silicon adj controlled)).bsum.) and (@ad<20030919 or @rlad<20030919) and ((257/\$3	USPAT: US-PGPUB	2004/05/02

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60	BRS 2	((sinker) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT; US-PGPUB	2004/04/13			
61	BRS 11	(collector with diffusion) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT; US-PGPUB	2004/04/14			
62	BRS 1	(base with "next" with emitter) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT; US-PGPUB	2004/04/14			
63	BRS 7	(base with "adjacent" with emitter) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT; US-PGPUB	2004/04/14			
64	BRS 2	(base near "apart" near emitter) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/14			
65	BRS 18	(base near2 "apart" near2 emitter) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/14			
66	BRS 2	((base near "separate" near emitter) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/14			
67	BRS 31	(base near "separate" near emitter) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/14			
68	BRS 12	(base near "spaced" near emitter) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/14			
69	BRS 6	((collector with sinker) and ((@ad<20030919 or @rlad<20030919) and (emitter with sinker)) and (scr or rectifier)	USPAT; US-PGPUB	2004/04/14			
70	BRS 6	((base near2 "separate" near2 emitter) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/14			
71	BRS 0	((emitter adj plug) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)) and anode and cat	USPAT; US-PGPUB	2004/04/14			
72	BRS 0	((emitter adj plug) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)) and (scr or rectifier	USPAT; US-PGPUB	2004/04/14			
73	BRS 12	((emitter adj plug) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)) and lateral	USPAT; US-PGPUB	2004/04/14			
74	BRS 21	((emitter adj plug) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/14			
75	BRS 2	(base with "apart" with emitter) and ((@ad<20030919 or @rlad<20030919) and (257/141.ccls.))	USPAT; US-PGPUB	2004/04/14			
76	BRS 4	((base near "apart" with emitter) and ((emitter with base) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.c	USPAT; US-PGPUB	2004/04/14			
77	BRS 2	((bscr) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/17			
78	BRS 15	(("5808342" "5747834") and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/17			
79	BRS 2	((base near apart near emitter) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/18			
80	BRS 18	((base near2 apart near2 emitter) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/04/18			
81	BRS 20	(((bipolar near (scr or silicon\$1controlled or (silicon adj controlled))) and ((@ad<20030919 or @rlad<20030919) and (	USPAT; US-PGPUB	2004/04/18			
82	BRS 2	((base near (separating or separation or separated or separate) near emitter) and ((@ad<20030919 or @rlad<20030919) and (	USPAT; US-PGPUB	2004/04/18			
83	BRS 9	((base near2 (separating or separation or separated or separate) near2 emitter) and ((@ad<20030919 or @rlad<20030919) and (	USPAT; US-PGPUB	2004/04/18			
84	BRS 0	((base near2 (apart) near2 emitter) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.))	USPAT; US-PGPUB	2004/05/02			
85	BRS 7	((base near2 (separating or separation or separated or separate) near2 emitter) and ((@ad<20030919 or @rlad<20030919) and (	USPAT; US-PGPUB	2004/05/02			
86	BRS 25	((((scr or silicon\$1controlled or (silicon adj controlled)).bsum.) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3	USPAT; US-PGPUB	2004/05/02			
87	BRS 33	((((scr or silicon\$1controlled or (silicon adj controlled)).bsum.) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3	USPAT; US-PGPUB	2004/05/02			
88	BRS 0	((4746629.pn.) and scr	USPAT; US-PGPUB	2004/05/17			
89	BRS 1	((4746629.pn.)	USPAT; US-PGPUB	2004/05/17			
90	BRS 0	((20040032005" and (scr or rectifier)	USPAT; US-PGPUB	2004/05/17			
91	BRS 1	((20040032005"	USPAT; US-PGPUB	2004/05/17			
92	BRS 1	((6433368.pn.	USPAT; US-PGPUB	2004/05/17			
93	BRS 1	((6696731"	USPAT; US-PGPUB	2004/05/17			
94	BRS 26	((lateral near (bit or bipolar)) and ((@ad<20030919 or @rlad<20030919) and ((257/\$3.cor.) or (438/\$3.cor.)) and (sc	USPAT; US-PGPUB	2004/05/17			
95	BRS 21	(("5747834"	USPAT; US-PGPUB	2004/05/17			
96	BRS 12	(("5747834"	USPAT; US-PGPUB	2004/05/27			
97	BRS 0	((5747834.pn.)	USPAT; US-PGPUB	2004/05/27			
98	BRS 12	(("5747834"	USPAT; US-PGPUB	2004/06/22			
99	BRS 21	((5747834"	USPAT; US-PGPUB	2004/06/22			
100	BRS 21	((5747834"	USPAT; US-PGPUB	2004/06/22			
101	BRS 9	(("5747834"	USPAT; US-PGPUB	2004/06/22			
102	BRS 12	(("5747834"	USPAT; US-PGPUB	2004/06/22			